

ABSTRACT

The invention relates to a wind-driven power-plant comprising a rotor (100) which is fitted with at least one rotor blade and which is connected directly or indirectly to a generator for power generation, further comprising an electrical assembly made up of different electrical sub-assemblies comprising electronic, electrical and/or electromechanical and/or sensor elements and/or electrotechnical safety elements, where, depending on their purposes, all elements/components of one or more electrical sub-assemblies or specific elements of the electrical sub-assembly are combined into one or more function modules that implement at least one function in relation to the generation of electric power, where a parallel module is associated with at least one function module, said parallel module being able to implement, or implementing, the same or nearly the same function as the function module in normal operation, the function and parallel modules being connected or connectable with each other in such manner that in the event of operational malfunction affecting a function module or a parallel module, the remaining operative module shall maintain at least partly said electrical power generation.